



PhD scholarship

theoretical and numerical studies on magnons and fluxons in hybrid nanostructures

The scholarship is financed by the National Science Center - Poland in the framework of the project: FluMag “*Low-loss current-and flux quanta-controlled magnonics*” coordinated by prof. Jarosław W. Kłos – see www.isik.amu.edu.pl/flumag/ for more details about the project.

The scholarship is directed to a graduate who has received a master degree in physics or related fields and is interested in theoretical and numerical research in the area of magnetism and superconductivity. The recruited person is obliged to start the education at the Doctoral School at the University of Adam Mickiewicz in Poznań.

The work will be conducted in Poznań (Poland) in the international scientific team (>>>). FluMag is a Polish-Austrian-Czech collaborative project which constitutes a rich panel of complementary expertise in theoretical and experimental physics of spin waves, superconductivity, advanced nanofabrication as well as microwave and optical spectroscopy methods. The Austrian Team is led by Oleksandr Dobrovolskiy from the University of Vienna (>>>) and the Czech Team by Michal Urbanek from the Central European Institute of Technology, Brno (>>>). The experimental partners are going to offer the positions for postdocs and PhD students as well.

Deadline for application submission: Nov 15, 2022, 23:59 (CET).

Submission form: registration in the Candidate Online Registration System at Adam Mickiewicz Univeristy (>>>)

Recruitment schedule and financial conditions:

- Registration and submission of documents: Oct 10, 2022 to Nov 15, 2022;
- Form of enrolment: PhD student;
- Scholarship: 5 000 PLN (amount about 12% will be subtracted from the scholarship for the obligatory health insurance) ;
- Selection procedure: Nov 21, 2022
- Announcement of the results: Nov 22, 2022
- Starting date: Jan 02, 2023;
- Duration: 36 months.

For more information please contact the project leader Prof. Jarosław W. Kłos (klos@amu.edu.pl)

[detailed information >>>](#)

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